

# Toll Rate Setting

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**Washington State Transportation Commission**  
January 20, 2010



**Washington State**  
**Department of Transportation**

# Today's Presentation

## Morning Session:

- SR 520 Rate-Setting Schedule
- SR 520 Policy Issues and Orange County Information

## Afternoon Session:

- TNB Rate Discussion
- TNB Violation Processing Report
- Toll Study Reports

# Approach to Toll Rate Setting For SR 520

Presented by:

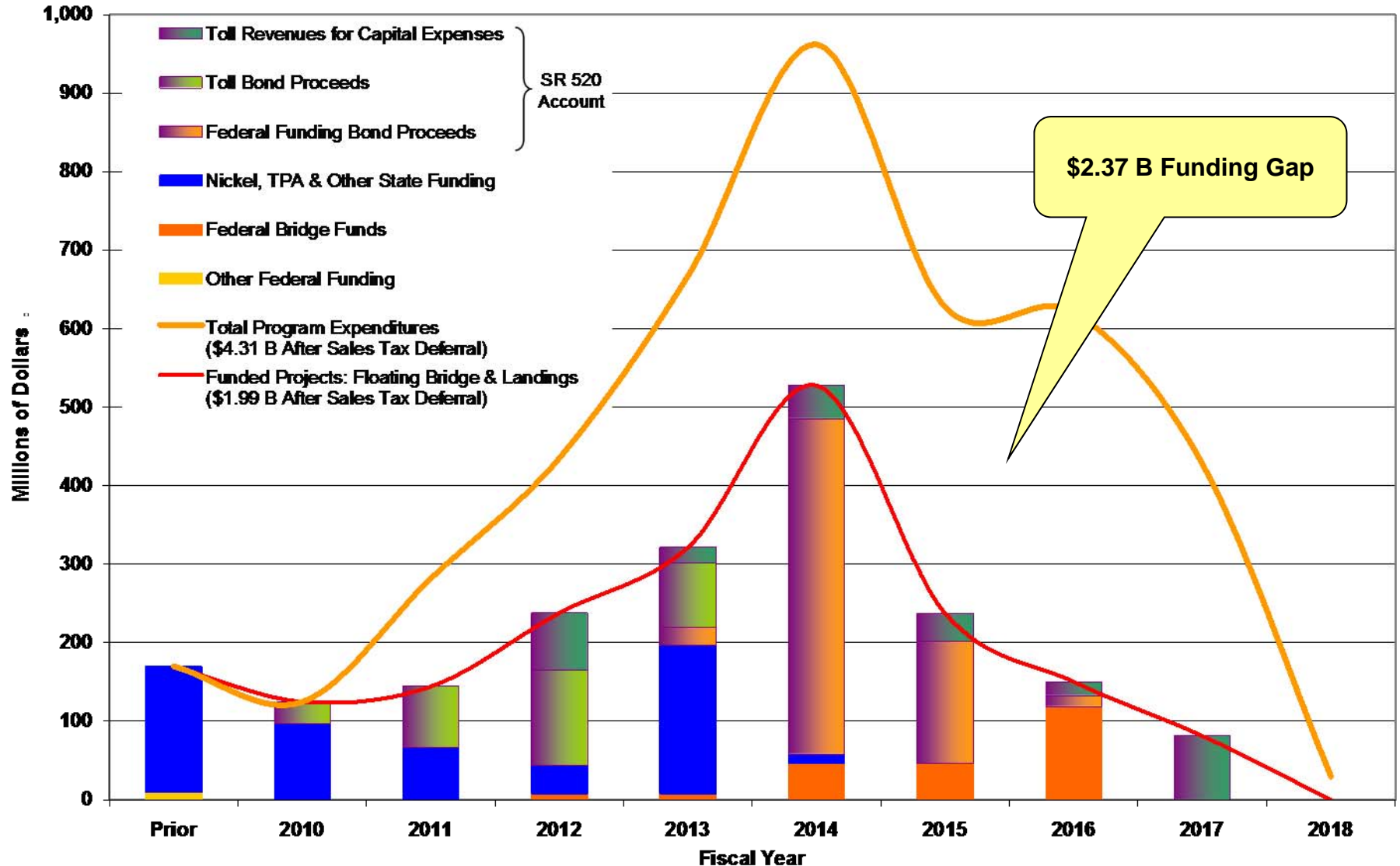
**Craig Stone**, WSDOT Toll Division Director

# Statutory Requirements Regarding Tolling SR 520

- The total cost of projects in the SR 520 corridor program will be no more than \$4.65 billion.
- The Commission must set a variable schedule of toll rates to:
  - Maintain sufficient travel time, speed and reliability in the corridor; and
  - Generate sufficient revenue to pay the bond and interest payments for the project.
- Toll rates may be adjusted at least annually to reflect inflation.
- Toll funding must only be used to fund operations, maintenance, and construction of replacement of the floating bridge and necessary landings.

*The Commission should keep in mind that a future finance plan will need to include funds for the remaining components of the full \$4.65 billion project.*

# \$4.65 B Program Funding Gap



# Knowns and Unknowns Shaping the Discussion

## **SR 520 Legislative Workgroup recommendations**

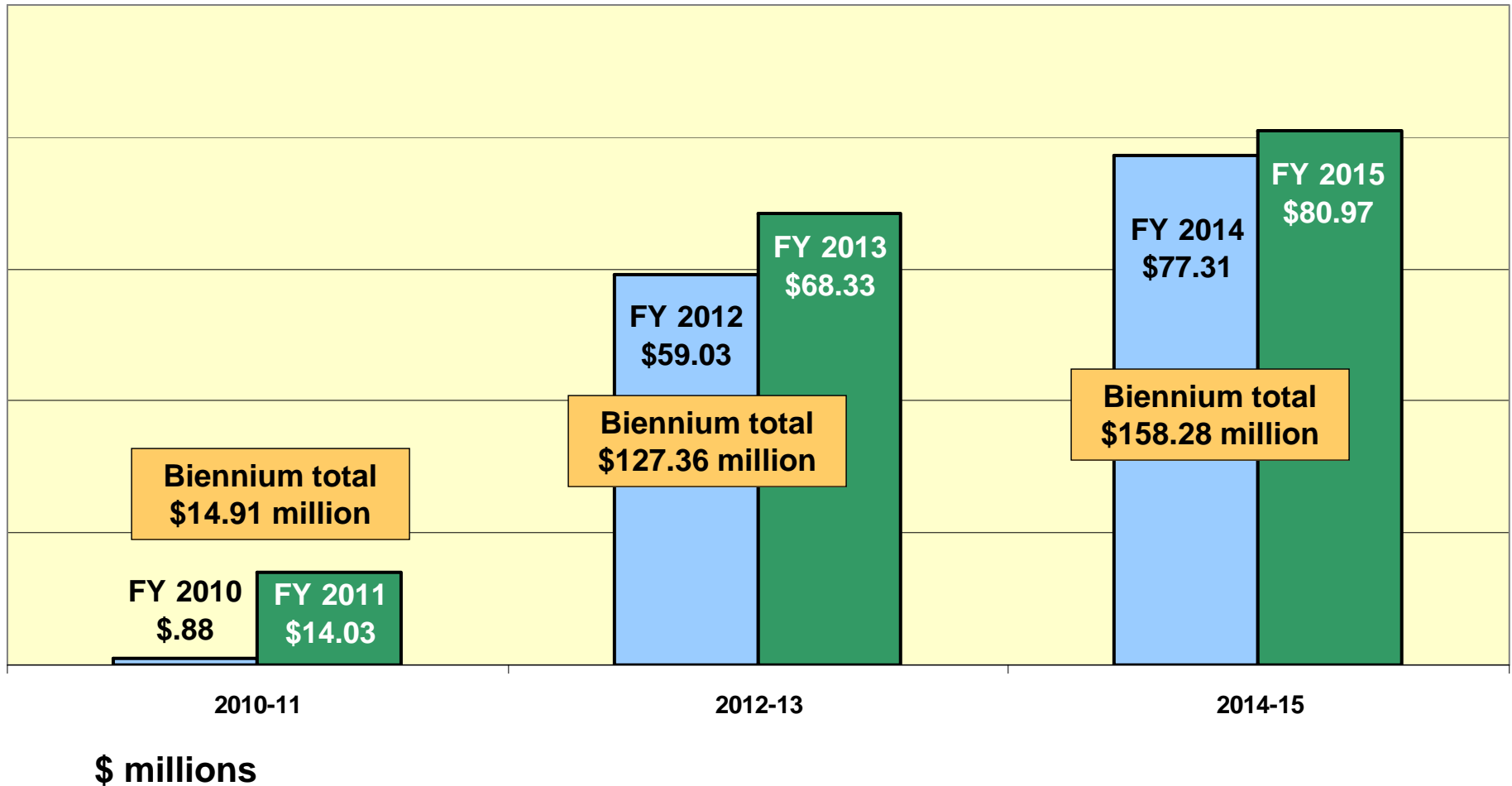
- The legislative workgroup recommended the use of previously authorized funding included in early tolling of SR 520 per Scenario 7 of the Tolling Implementation Committee work conducted in 2008.

## **Factors that influence toll-setting that are unknown at this time**

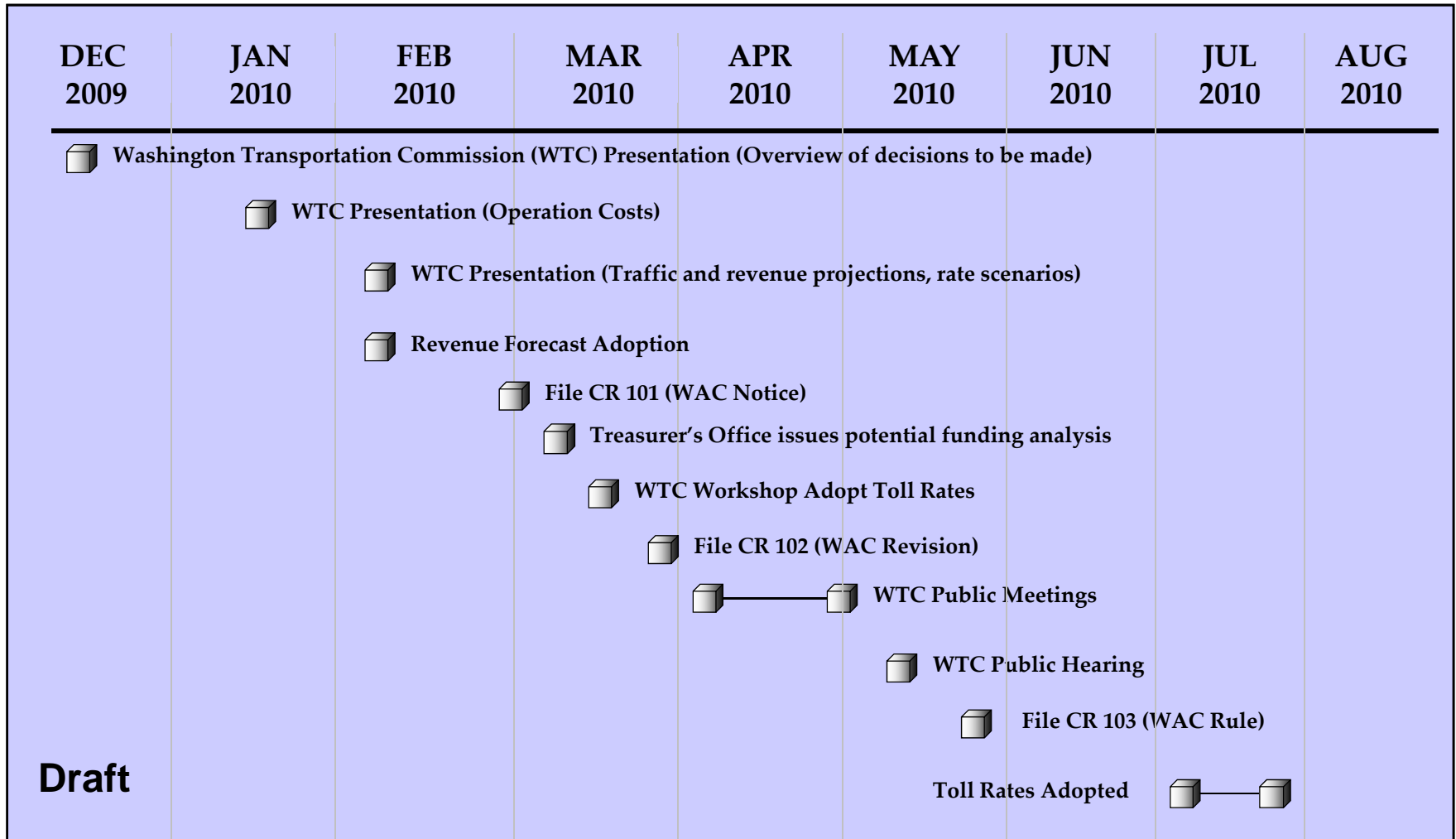
- Timing for funding the Eastside of the project
- The final interchange configuration for the Westside of the project
- The ultimate components of a finance plan that funds a full \$4.65 billion project

# SR 520 Gross Toll Revenue Targets FY 2010-15

*Scenario 7 Tolls — Modeled for tolling beginning March 19, 2011*



# Proposed Toll Rate Timeline 2009-10



## Notes:

Public Meetings on 520 Toll Rates to be held in Seattle and in Eastside communities (i.e. Bellevue, Kirkland)



# Next Steps

# Initial Scenarios

## **Tolling Implementation Committee\***

- Scenario 7 – as recommended by SR 520 work group.
- Toll rates for 2011 are set at a maximum of \$3.25.
- Higher toll rates in 2016, post construction.

## **Revenue maximization\***

- Toll rates adjust to generate highest possible revenue, with reasonable toll rates.

## **Free Flow**

- Toll rates and schedule adjusted to achieve average speeds at 45 mph or higher 90 percent of the time during peak hours.

## **Low toll rates**

- Adjust toll rates to minimize diversion.



*\* Traffic results available at February Commission Meeting,  
revenue results available in March*

# Who Uses the 520 bridge?

## 2009 Origin and Destination Survey

### Trip Purpose by Time of Day

	Trip Purpose	AM Peak (6-9 AM)	Midday (9 AM-3 PM)	PM Peak (3-6 PM)	Evening (6-10 PM)	Overnight (10 PM-6 AM)	All Time Periods
1.	Going To Work	85.0%	19.3%	4.7%	4.6%	24.2%	25.9%
2.	Returning from work	1.4%	6.3%	62.4%	46.3%	17.2%	24.0%
3.	Company business	5.3%	25.2%	6.4%	3.3%	2.3%	11.9%
4.	Vacation/Recreational	1.4%	4.3%	2.9%	7.9%	12.5%	5.1%
5.	Shopping	0.6%	8.3%	1.8%	3.3%	3.1%	4.3%
6.	School	2.0%	2.8%	3.9%	2.8%	0.0%	2.5%
7.	Social Friends	1.0%	13.0%	9.5%	24.7%	32.0%	14.5%
8.	Medical/Personal	3.2%	20.4%	8.0%	6.6%	8.6%	11.4%
-	no response	0.1%	0.3%	0.2%	0.4%	0.0%	0.2%
-	Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

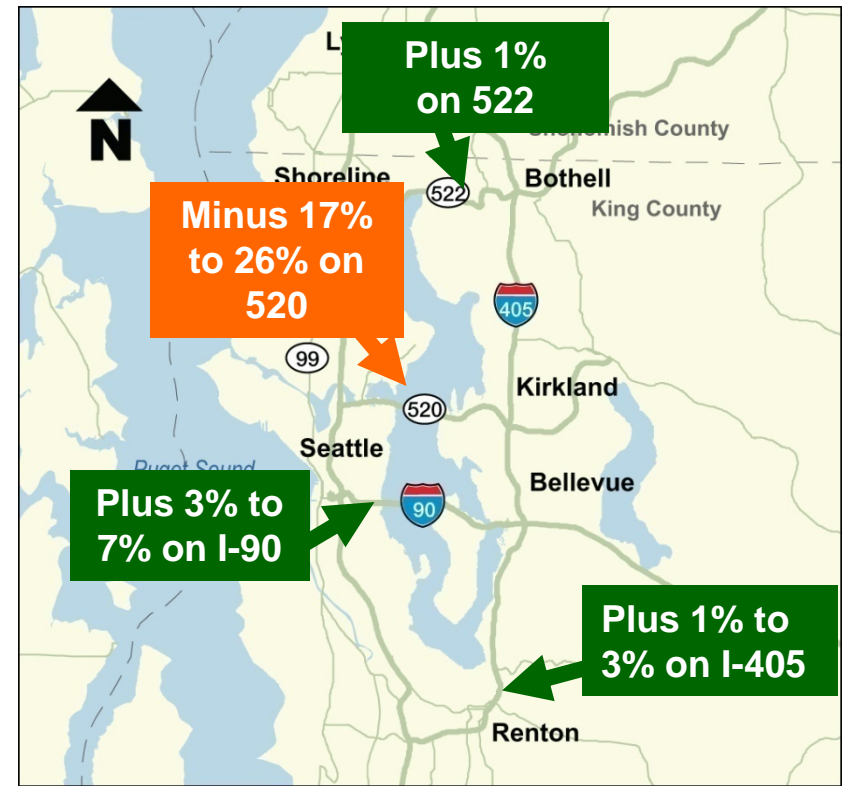
# An Example of Route Diversion

People may change their travel routes,  
but net effect is distributed across the system

- Peak period traffic on I-90 increases less than 5%, except in highest toll one-bridge scenario (8%).
- Peak period traffic on SR 522 (at 61<sup>st</sup>/Kenmore) increases no more than 5%.
- Peak period traffic on I-405 (at SR 167) increases no more than 3%.
- Local roadways leading to tolled bridges have less traffic when tolls are in place.
- System-wide congestion makes alternative routes less attractive.

## Examples of traffic diversion when tolling 520

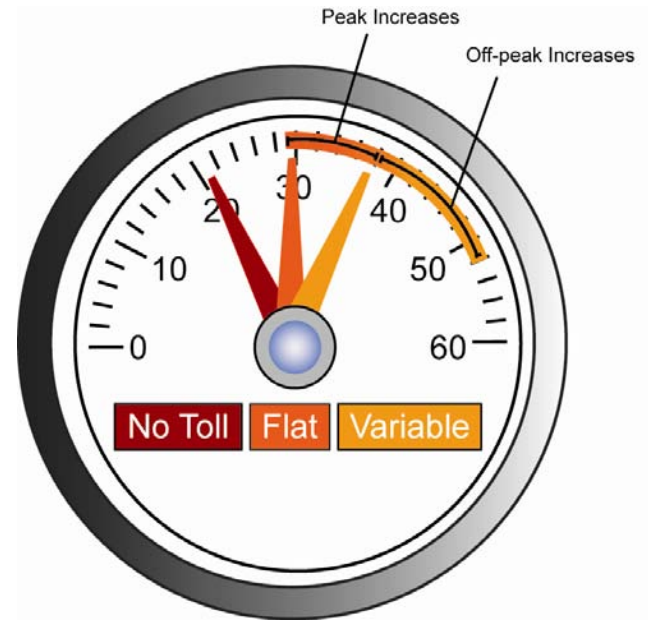
(2010, Scenario 7: Toll 520 in 2010, increase rate in 2016)



# An Example of How Tolling Improves Traffic Flow on the 520 Bridge

## On average, variable tolling leads to higher speeds from I-5 to I-405:

- Speeds increase on average from 10 – 30 mph.
- By charging higher tolls during the busiest times, travel speeds increase about 13 to 16 mph through 2010 without tolls.
- Off peak speeds increase between 13 and 19 mph.
- With flat rate tolls, SR 520 speeds improve 7 mph in the peak and 16 mph in the off-peak.

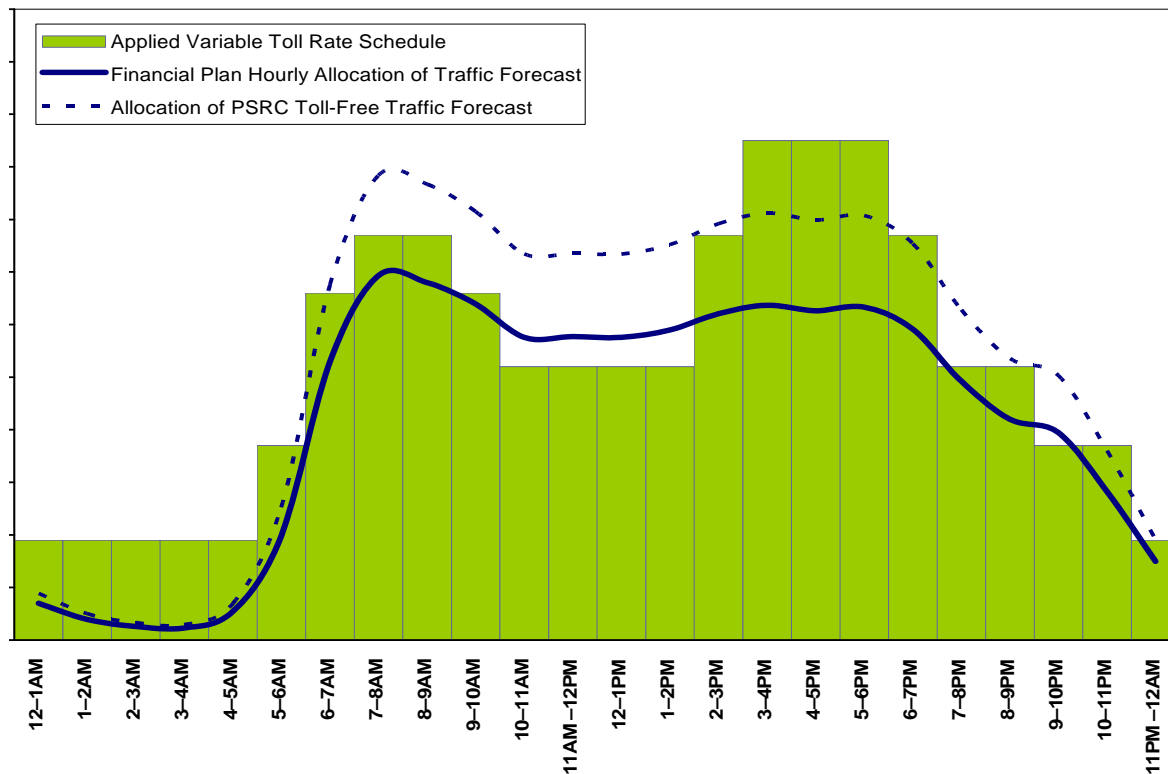


***520 bridge speed ranges, comparing no toll, flat toll and variable tolls in peak times in 2010. Off-peak speed increases could be up to 30 mph.***

# **Issues For Today's Discussion**

# Issues To Consider

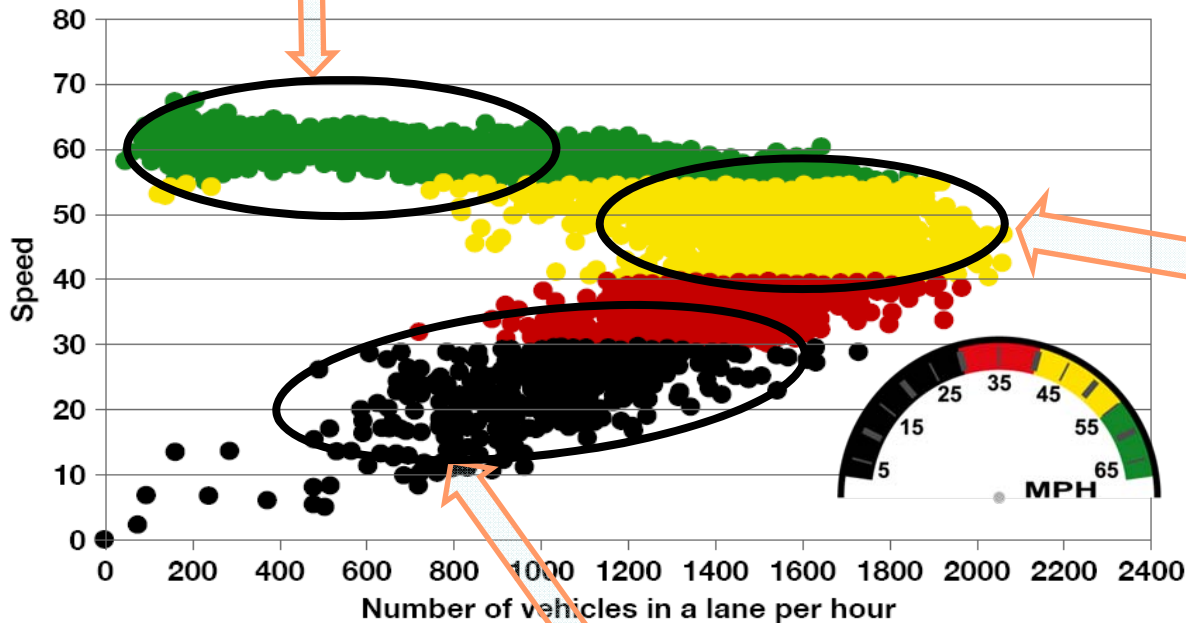
- **SR 520 toll rate setting will be more complex than Tacoma Narrows Bridge or SR 167 HOT lanes**
- Need to consider both revenue and congestion management goals
- All-electronic tolling will require different approach for tolling infrequent customers
- Urban Partnership Agreement objectives need to be accommodated



# Maximizing throughput

*The most effective price to move the most traffic*

If the price is too high, the lanes will be empty



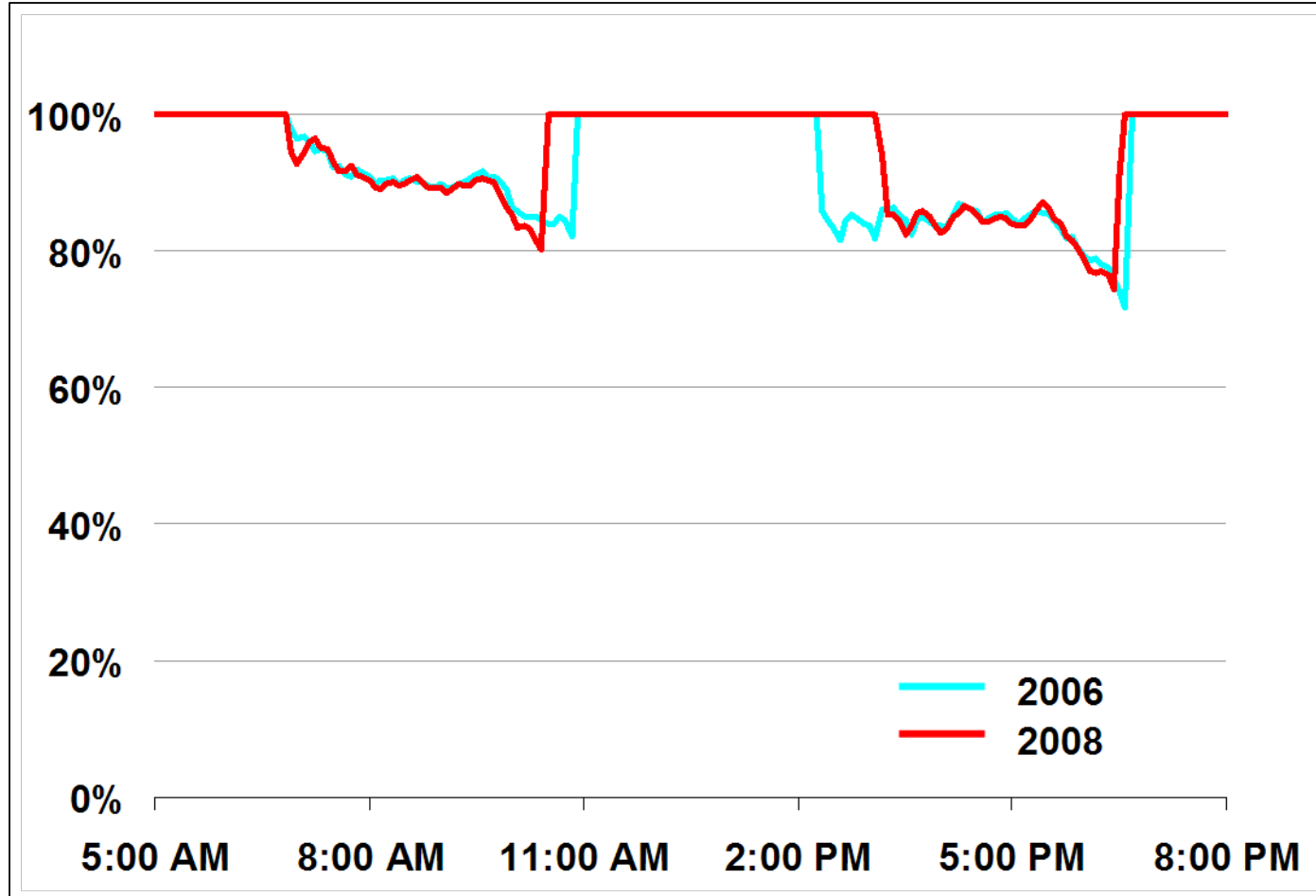
Priced to obtain free flow conditions.

If the price is too low, the lanes will be congested and slow moving



# Lost Throughput Productivity

SR 520 at Evergreen Point Floating Bridge (MP 1.5)



Based on AM westbound 1740 vphpl and PM eastbound 1760 vphpl

# Additional Issues To Consider

## Consistency

- What toll practices must be consistent from one corridor to the next?

## Base Rates and Financial Policies

- What financial policies are needed?
- How will early tolling rates compare to future rates?
- Will truck rates be set using the same approach as TNB?

## Discounts and Exemptions

- What (if any) discounts or exemptions should be provided to transit, vanpools, carpools, low-emission vehicles, etc?
- Should discounts vary on different tolled facilities?

# Issues To Consider Regarding Complexity and Fees

## **Rate structure/complexity**

- How much complexity is needed to manage traffic effectively?
- How important is simplicity to the customer?
- How will rate structure be displayed/signed to the motorist in real time?

## **Account incentives or fees**

- What are objectives for varying price by account/payment type?
- Better to set tolls with incentives, or charge fees for higher cost collection?



# Issues To Consider Regarding Rate Setting Process

## **What elements of rate-setting will be specified by the Commission?**

- Full rate and fee schedule?
- Principles for adjusting by time period administered by WSDOT?

## **How should rates be adjusted?**

- Should some adjustments be made by WSDOT, and under what circumstances?
- Should the Commission provide for an abbreviated process to respond to traffic conditions?

## **How will Commission solicit public input?**

- Input limited to tolls, or full corridor management?
- Consistent process for all corridors?

# Timeline For Discussion

## **Tight schedule for rate setting**

- Must recommend toll rates by March to sell bonds in July.
- Adopt toll rates by rule by July.
- This is half the time used to set initial toll rates for TNB.

## **Will require significant time investment**

- Allocate at least a half-day for discussion at Jan, Feb, March meetings.
- Workshops with Tolling Subcommittee leading into meetings.



# Proposed Commission Meetings

## **Subcommittee Meeting 1**

- Early January
- Focus on 520 rate setting issues

## **Subcommittee Meeting 2**

- Mid January
- Focus on TNB rate setting

## **January Commission Meeting**

- Discuss 520 issues
- Propose TNB toll rates

## **Subcommittee Meeting 3**

- Early February
- Discuss consistency, multi-axle vehicles, exemptions

## **Subcommittee Meeting 4**

- Mid February
- Scenarios, models, policies

## **February Commission Meeting**

- Discuss 520 traffic and congestion issues

## **Subcommittee Meeting 5**

- Early March
- Review financial plans

## **Subcommittee Meeting 6**

- Mid March
- Discuss rate proposals

## **March Commission Meeting**

- Propose initial rates for SR 520 tolling

*Refer to handout for details on meeting topics and goals.*

# Toll Rate Setting in Orange County, California

Presented by:

**Craig Stone**, WSDOT Toll Division Director

# A Toll Rate Setting Example From Orange County, California

- OCTA is the Orange County, California MPO, Transit Operator and owner of the 91 Express Lanes.
- The OCTA Board is made up of local elected officials.
- OCTA bought the 91 Express Lanes in 2002 from California Private Transportation Company, the original private developer, owner and operator.
- OCTA refinanced the (private) debt and inherited the toll schedule in place at transfer of ownership.
- In 2003, OCTA adopted a policy for toll rate changes that does not require board approval of the specific adjustments.
- There is an advisory committee comprised of Board members that meets quarterly; however, they are not required to approve any toll adjustments prior the adjustment.
- The toll policy requires the Board and customers to be informed about any toll adjustments ten days prior to the change.



# Goals Were Set By The OCTA Board

## The toll adjustment goals are to:

- reduce the likelihood of congestion by diverting traffic to other hours with available capacity;
- maintain free flow travel speed in the 91 Express Lanes;
- maintain travel time savings;
- accommodate projected growth in travel demand, and;
- ensure that the toll road generates sufficient revenue to effectively operate the toll lanes and maintain a strong debt service position.



# Parameters For Adjusting Toll Rates in Orange County

## **Super Peak hours are determined as follows:**

- Traffic volumes are monitored on a rolling 12 consecutive week basis.
- Hourly, daily, and directional traffic volumes of 3,128 or more are flagged for further review.
- If traffic volume is consistently at a level of “Super Peak” then the toll rate for that hour, day and direction may be increased.
- The toll for that hour, day, and direction can be adjusted, as follows:
  - if the average vehicle volume is 3,300 or more, the toll is increased by \$1.00.
  - if the average vehicle volume is between 3,200 and 3,299, the toll is increased by \$0.75.
  - if the average vehicle volume is less than 3,200, the toll is not changed.
  - if volume is below 2720, toll rate is decreased by \$0.50.

*Customers are informed of a toll adjustment 10 or more days prior to that toll adjustment becoming effective. Toll rate remains in effect for six months.*

# Toll Schedule in Orange County



## Toll Schedule

Effective October 1, 2009

Eastbound  
SR-55 to Riverside Co. Line

	Sun	M	Tu	W	Th	F	Sat
Midnight	\$1.30	\$1.30	\$1.30	\$1.30	\$1.30	\$1.30	\$1.30
1:00 am	\$1.30	\$1.30	\$1.30	\$1.30	\$1.30	\$1.30	\$1.30
2:00 am	\$1.30	\$1.30	\$1.30	\$1.30	\$1.30	\$1.30	\$1.30
3:00 am	\$1.30	\$1.30	\$1.30	\$1.30	\$1.30	\$1.30	\$1.30
4:00 am	\$1.30	\$1.30	\$1.30	\$1.30	\$1.30	\$1.30	\$1.30
5:00 am	\$1.30	\$1.30	\$1.30	\$1.30	\$1.30	\$1.30	\$1.30
6:00 am	\$1.30	\$2.05	\$2.05	\$2.05	\$2.05	\$2.05	\$1.30
7:00 am	\$1.30	\$2.05	\$2.05	\$2.05	\$2.05	\$2.05	\$1.30
8:00 am	\$1.65	\$2.05	\$2.05	\$2.05	\$2.05	\$2.05	\$2.05
9:00 am	\$1.65	\$2.05	\$2.05	\$2.05	\$2.05	\$2.05	\$2.05
10:00 am	\$2.50	\$2.05	\$2.05	\$2.05	\$2.05	\$2.05	\$2.50
11:00 am	\$2.50	\$2.05	\$2.05	\$2.05	\$2.05	\$2.05	\$2.50
Noon	\$3.00	\$2.05	\$2.05	\$2.05	\$2.05	\$3.10	\$3.00
1:00 pm	\$3.00	\$2.85	\$2.85	\$2.85	\$3.10	\$4.85	\$3.00
2:00 pm	\$3.00	\$4.05	\$4.05	\$4.05	\$4.15	\$4.10	\$3.00
3:00 pm	\$2.50	\$4.35	\$3.70	\$5.45	\$5.90	\$9.50	\$3.00
4:00 pm	\$2.50	\$5.55	\$7.75	\$8.25	\$9.90	\$9.30	\$3.00
5:00 pm	\$2.50	\$5.35	\$7.25	\$7.75	\$9.05	\$7.25	\$3.00
6:00 pm	\$2.50	\$4.35	\$4.10	\$3.60	\$4.90	\$5.25	\$2.50
7:00 pm	\$2.50	\$3.10	\$3.10	\$3.10	\$4.45	\$4.90	\$2.05
8:00 pm	\$2.50	\$2.05	\$2.05	\$2.05	\$2.85	\$4.45	\$2.05
9:00 pm	\$2.05	\$2.05	\$2.05	\$2.05	\$2.05	\$2.85	\$2.05
10:00 pm	\$1.30	\$1.30	\$1.30	\$1.30	\$1.30	\$2.05	\$1.30
11:00 pm	\$1.30	\$1.30	\$1.30	\$1.30	\$1.30	\$1.30	\$1.30



## Toll Schedule

Effective October 1, 2009

Westbound  
Riverside Co. Line to SR-55

	Sun	M	Tu	W	Th	F	Sat
Midnight	\$1.30	\$1.30	\$1.30	\$1.30	\$1.30	\$1.30	\$1.30
1:00 am	\$1.30	\$1.30	\$1.30	\$1.30	\$1.30	\$1.30	\$1.30
2:00 am	\$1.30	\$1.30	\$1.30	\$1.30	\$1.30	\$1.30	\$1.30
3:00 am	\$1.30	\$1.30	\$1.30	\$1.30	\$1.30	\$1.30	\$1.30
4:00 am	\$1.30	\$2.40	\$2.40	\$2.40	\$2.40	\$2.40	\$1.30
5:00 am	\$1.30	\$3.95	\$3.95	\$3.95	\$3.95	\$3.80	\$1.30
6:00 am	\$1.30	\$4.05	\$4.05	\$4.05	\$4.05	\$3.95	\$1.30
7:00 am	\$1.30	\$4.50	\$4.50	\$4.50	\$4.50	\$4.35	\$1.75
8:00 am	\$1.75	\$4.05	\$4.05	\$4.05	\$4.05	\$3.95	\$2.05
9:00 am	\$1.75	\$3.25	\$3.25	\$3.25	\$3.25	\$3.25	\$2.50
10:00 am	\$2.50	\$2.05	\$2.05	\$2.05	\$2.05	\$2.05	\$2.50
11:00 am	\$2.50	\$2.05	\$2.05	\$2.05	\$2.05	\$2.05	\$2.90
Noon	\$2.50	\$2.05	\$2.05	\$2.05	\$2.05	\$2.05	\$2.90
1:00 pm	\$2.90	\$2.05	\$2.05	\$2.05	\$2.05	\$2.05	\$2.90
2:00 pm	\$2.90	\$2.05	\$2.05	\$2.05	\$2.05	\$2.05	\$2.90
3:00 pm	\$2.90	\$2.05	\$2.05	\$2.05	\$2.05	\$2.50	\$2.90
4:00 pm	\$3.05	\$2.05	\$2.05	\$2.05	\$2.05	\$2.50	\$3.05
5:00 pm	\$3.05	\$2.05	\$2.05	\$2.05	\$2.05	\$2.50	\$3.05
6:00 pm	\$3.05	\$2.05	\$2.05	\$2.05	\$2.05	\$3.00	\$2.50
7:00 pm	\$2.50	\$1.30	\$1.30	\$1.30	\$1.30	\$2.05	\$2.05
8:00 pm	\$2.50	\$1.30	\$1.30	\$1.30	\$1.30	\$1.30	\$1.30
9:00 pm	\$2.50	\$1.30	\$1.30	\$1.30	\$1.30	\$1.30	\$1.30
10:00 pm	\$1.30	\$1.30	\$1.30	\$1.30	\$1.30	\$1.30	\$1.30
11:00 pm	\$1.30	\$1.30	\$1.30	\$1.30	\$1.30	\$1.30	\$1.30

## Holiday toll schedules for:

New Years

Easter

Mother's Day

Memorial Day

Fourth of July

Thurs before Labor Day

Fri before Labor Day

Labor Day

Wed before Thanksgiving

Thanksgiving

Fri after Thanksgiving

Christmas Day






# Today's Decisions

Presented by:

**Craig Stone**, WSDOT Toll Division Director



# Examples of Different Toll Rate Structures

	Flat Rate Single rate at all times	Variable Peak Simple peak and off-peak rates	Variable Stair-Step More complex; Same rate each day	Variable Matrix Rates set for each hour/day/direction	Dynamic Rate set based on traffic conditions																																																																																												
How rates could be communicated Toll Concept	<p>The toll is \$2.00 (\$1/axle for trucks)</p> 	<p>RATES:</p> <table><thead><tr><th>Time Period</th><th>Cars</th><th>Trucks</th></tr></thead><tbody><tr><td><b>Peak Periods</b> 7 - 9 a.m. and 3 - 6 p.m. weekdays</td><td>\$3.50</td><td>\$1.75/axle</td></tr><tr><td><b>Middays</b> 5-7 a.m., 9 a.m. - 3 p.m., and 6-8 p.m.</td><td>\$2.00</td><td>\$1.00/axle</td></tr><tr><td><b>Nights/Weekends</b></td><td>FREE</td><td>FREE</td></tr></tbody></table> 	Time Period	Cars	Trucks	<b>Peak Periods</b> 7 - 9 a.m. and 3 - 6 p.m. weekdays	\$3.50	\$1.75/axle	<b>Middays</b> 5-7 a.m., 9 a.m. - 3 p.m., and 6-8 p.m.	\$2.00	\$1.00/axle	<b>Nights/Weekends</b>	FREE	FREE		<table><thead><tr><th></th><th>Sun</th><th>M</th><th>Tu</th><th>W</th><th>Th</th><th>F</th><th>Sat</th></tr></thead><tbody><tr><td>Noon</td><td>\$1.00</td><td>\$2.00</td><td>\$2.00</td><td>\$2.00</td><td>\$2.00</td><td>\$2.00</td><td>\$1.00</td></tr><tr><td>1:00 pm</td><td>\$1.00</td><td>\$2.00</td><td>\$2.00</td><td>\$2.00</td><td>\$2.00</td><td>\$2.00</td><td>\$1.00</td></tr><tr><td>2:00 pm</td><td>\$1.00</td><td>\$2.00</td><td>\$2.00</td><td>\$2.00</td><td>\$2.00</td><td>\$2.00</td><td>\$1.00</td></tr><tr><td>3:00 pm</td><td>\$1.00</td><td>\$3.00</td><td>\$3.00</td><td>\$3.00</td><td>\$3.00</td><td>\$3.00</td><td>\$1.00</td></tr><tr><td>4:00 pm</td><td>\$1.00</td><td>\$3.00</td><td>\$3.00</td><td>\$3.00</td><td>\$3.00</td><td>\$3.00</td><td>\$1.00</td></tr><tr><td>5:00 pm</td><td>\$1.00</td><td>\$3.00</td><td>\$3.00</td><td>\$3.00</td><td>\$3.00</td><td>\$3.00</td><td>\$1.00</td></tr><tr><td>6:00 pm</td><td>\$1.00</td><td>\$3.00</td><td>\$3.00</td><td>\$3.00</td><td>\$3.00</td><td>\$3.00</td><td>\$1.00</td></tr><tr><td>7:00 pm</td><td>\$1.00</td><td>\$2.00</td><td>\$2.00</td><td>\$2.00</td><td>\$2.00</td><td>\$2.00</td><td>\$1.00</td></tr><tr><td>8:00 pm</td><td>\$1.00</td><td>\$1.00</td><td>\$1.00</td><td>\$1.00</td><td>\$1.00</td><td>\$1.00</td><td>\$1.00</td></tr></tbody></table> 		Sun	M	Tu	W	Th	F	Sat	Noon	\$1.00	\$2.00	\$2.00	\$2.00	\$2.00	\$2.00	\$1.00	1:00 pm	\$1.00	\$2.00	\$2.00	\$2.00	\$2.00	\$2.00	\$1.00	2:00 pm	\$1.00	\$2.00	\$2.00	\$2.00	\$2.00	\$2.00	\$1.00	3:00 pm	\$1.00	\$3.00	\$3.00	\$3.00	\$3.00	\$3.00	\$1.00	4:00 pm	\$1.00	\$3.00	\$3.00	\$3.00	\$3.00	\$3.00	\$1.00	5:00 pm	\$1.00	\$3.00	\$3.00	\$3.00	\$3.00	\$3.00	\$1.00	6:00 pm	\$1.00	\$3.00	\$3.00	\$3.00	\$3.00	\$3.00	\$1.00	7:00 pm	\$1.00	\$2.00	\$2.00	\$2.00	\$2.00	\$2.00	\$1.00	8:00 pm	\$1.00	\$1.00	\$1.00	\$1.00	\$1.00	\$1.00	\$1.00	<p>Toll rates are adjusted every six minutes based on traffic conditions.</p> 
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7:00 pm	\$1.00	\$2.00	\$2.00	\$2.00	\$2.00	\$2.00	\$1.00																																																																																										
8:00 pm	\$1.00	\$1.00	\$1.00	\$1.00	\$1.00	\$1.00	\$1.00																																																																																										
Advantages	<ul style="list-style-type: none"><li>Easiest to remember</li><li>Easiest to understand and communicate</li></ul>	<ul style="list-style-type: none"><li>Fairly easy to understand and remember</li><li>Has some positive influence on reducing traffic congestion</li><li>Raises more revenue than a flat rate, or allows lower off-peak rates</li></ul>	<ul style="list-style-type: none"><li>Likely more efficient at reducing traffic congestion than peak/off-peak rates</li><li>Likely to raise greater revenue than peak/off-peak rates</li><li>Consistent with Toll Implementation Committee "scenario 7"</li><li>May have more gradual rate changes between time periods.</li></ul>	<ul style="list-style-type: none"><li>May achieve greater congestion reduction benefit and/or higher throughput</li><li>May achieve greater revenue</li><li>May have more gradual rate changes between time periods.</li></ul>	<ul style="list-style-type: none"><li>This is the best approach for HOT lanes, where drivers have a choice whether to enter or not</li><li>Most adaptive to variations in traffic to match demand to available capacity</li></ul>																																																																																												
Challenges / Drawbacks	<ul style="list-style-type: none"><li>Has least effect on reducing congestion</li><li>Raises less revenue than variable rates</li><li>Does not fulfill Urban Partnership Agreement commitment for variable tolls</li></ul>	<ul style="list-style-type: none"><li>Less than optimal congestion reduction</li><li>Less than optimal revenue generation rates</li><li>Steep change in rates at end of peaks causes drivers to wait along freeway for change to lower rates</li></ul>	<ul style="list-style-type: none"><li>Difficult for public to remember rates</li><li>Customer will need to check their bill to verify what they paid</li></ul>	<ul style="list-style-type: none"><li>Difficult for public to remember rates</li><li>May be difficult to arrive at the toll point precisely when desired</li><li>Customer will need to check their bill to verify what they paid</li></ul>	<ul style="list-style-type: none"><li>Customers will not know rate until they are enroute; cannot change time of travel</li><li>May cause real-time diversion and traffic impacts to alternative routes</li><li>Significant financing risk without operating experience</li></ul>																																																																																												
Initial Rate-setting Considerations	<ul style="list-style-type: none"><li>Requires traditional traffic and revenue study</li></ul>	<ul style="list-style-type: none"><li>Requires more sophisticated traffic and revenue study</li></ul>	<ul style="list-style-type: none"><li>Requires unusually sophisticated traffic and revenue study, modeling multiple time periods</li><li>Demand model has limited value for modeling time shifts; some adjustment to rate will likely be needed based on experience</li></ul>	<ul style="list-style-type: none"><li>Developing a detailed rate schedule exceeds the accuracy of predictive modeling</li><li>A detailed schedule would likely need to evolve by starting tolling operations with a simpler rate schedule and making adjustments based on actual operating experience</li></ul>	<ul style="list-style-type: none"><li>Not applicable; rate-setting would endorse an algorithm and set maximum and minimum rates by policy</li></ul>																																																																																												

# Examples of Different Toll Rate-Setting Processes

	Commission Sets All Rates	Commission Sets Initial Rates and Adopts Rate Adjustment Process	Commission Sets Initial Rates, Sets Parameters for Adjustment
Process	<p>Initial Rates (Commission)</p> <p>Rate Adjustments (Commission)</p>	<p>Initial Rates (Commission)</p> <p>Rate Adjustments (Commission)</p>	<p>Initial Rates (Commission)</p> <p>Rate Adjustments (WSDOT)</p>
How it could work	<ul style="list-style-type: none"> <li>A full rate-setting process is required for any rate adjustment</li> <li>Transportation Commission conducts all public outreach</li> <li>WAC addresses rate schedule only</li> </ul>	<ul style="list-style-type: none"> <li>Initial rate-setting WAC provides an abbreviated process for Commission approval of updated toll rates.</li> <li>WSDOT would provide recommended adjustments for Commission action.</li> <li>Public input at Commission meeting.</li> </ul>	<ul style="list-style-type: none"> <li>The Commission would adopt an initial rate schedule.</li> <li>Commission would adopt parameters within which WSDOT adjust rates to manage traffic.</li> </ul>
Advantages	<ul style="list-style-type: none"> <li>Consistent with current practice</li> </ul>	<ul style="list-style-type: none"> <li>Allows more flexibility to adjust rates as needed based on traffic</li> <li>Rates could be adjusted quarterly, or more frequently if needed</li> </ul>	<ul style="list-style-type: none"> <li>Allows the greatest flexibility to set rates that respond to traffic conditions.</li> <li>Allows for most complex rate structure</li> <li>Rates could be changed frequently</li> </ul>
Challenges / Drawbacks	<ul style="list-style-type: none"> <li>Very lengthy process to make changes needed to respond to traffic conditions</li> <li>Most likely requires a relatively simple rate structure</li> <li>Annual or semi-annual changes at most</li> </ul>	<ul style="list-style-type: none"> <li>Extra outreach may be required to obtain public input.</li> </ul>	<ul style="list-style-type: none"> <li>Some may feel this process does not provide adequate opportunity for public input</li> </ul>
Implementation Considerations	<ul style="list-style-type: none"> <li>Rate-setting to balance revenue and traffic needs will require the Commission to become experts on traffic operations, and understand full range of traffic management tools</li> </ul>	<ul style="list-style-type: none"> <li>Rate-setting to balance revenue and traffic needs will require the Commission to become experts on traffic operations, and understand full range of traffic management tools</li> <li>Rule-making will need to address parameters for adjustment process.</li> </ul>	<ul style="list-style-type: none"> <li>Commission will want to identify parameters within which toll rate adjustments will be acceptable.</li> <li>Rate adjustments would be a technical process based on traffic data.</li> </ul>

# Questions?

For more information on SR 520 Toll Rate Setting,  
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**Washington State  
Department of Transportation**